

WHAT IS CLAIMED IS:

1. A shock absorption device of a running apparatus, comprising:
 - a foot pedal;
 - a lifted base, being disposed under the foot pedal;
 - 5 a support frame, being attached to a bottom of the lifted base; and
 - an elastic member, being connected to the support frame via a pivotal shaft;

whereby, when a user runs on the foot pedal, the foot pedal can be lifted an inclining angle with the lifted base rotating with respect to the pivotal shaft to mitigate an impact force caused by the elastic member so as to avoid injury during taking exercise.

10 2. The shock absorption device of a running apparatus as defined in claim 1, wherein the elastic member is fixedly attached to a reinforced member and the reinforced member is connected to the pivotal shaft.

15 3. The shock absorption device of a running apparatus as defined in claim 1, wherein a cushion seat is connected to the support frame with the pivotal shaft and a foot base is provided under the cushion seat with a plurality of slide rods being disposed between and connecting with the cushion seat and the foot base and an elastic member being arranged surrounding the slide rods respectively.

20 4. A shock absorption device of a running apparatus, comprising:
 - a lifted base;
 - 20 a support frame, being provided at a bottom of the lifted base;
 - a cushion seat, being fixedly attached to a middle position of the support frame via a pivotal shaft;
 - a support base, being provided under the cushion seat;
 - 25 at least a slide rod, being disposed between and connecting with the support base and the cushion seat, and the slide rod being surrounded with a first elastic member respectively; and
 - a second elastic member, being provided at the lower end of the support base, having a receiving space for available for the slide rod moving in and out;

30 whereby, the lifted base can rotate an inclining angle by way of the pivotal shaft and an impact force can be mitigated more sensitively by way of the first and the second elastic members.

5. The shock absorption device of a running apparatus as defined in claim 4, wherein the cushion seat is provided with a soft pad member.

6. The shock absorption device of a running apparatus as defined in claim 1, wherein

the slide rods is fixedly attached to the support frame and fastened to the bottom of the lifted base.

7. The shock absorption device of a running apparatus as defined in claim 4, wherein the slide rod pierces and connects the lifted base.

5 8. The shock absorption device of a running apparatus as defined in claim 1, wherein a support base is disposed at the upper end of the elastic member and a slide rod is provided on the support frame surrounded with another elastic member; and a slide limit piece is pierced by the slide rod and connects with the pivotal shaft.

10 9. The shock absorption device of a running apparatus as defined in claim 4, wherein the support base is disposed at the upper end of the elastic member and a slide rod is provided on the support frame surrounded with another elastic member; and a slide limit piece is pierced by the slide rod and connects with the pivotal shaft.

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